

FEB 15 1982

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DPM 670
Lubricant, Oil, preservative**Product Health & Safety
Data Sheet****penreco**

A PENNZOIL DIVISION

I Product Identification

Manufacturer's Name	PENRECO		
Address	106 South Main Street, Butler, PA 16001		
Regular Telephone No.	412 / 287-2781	Emergency Telephone No.	
Trade Name	Petrotect 6529C, Type 1		CODE 4045
Synonyms	Corrosion preventive compound		

II Hazardous Ingredients

Material or Component in Hazardous Concentrations	%	Hazard Data
None		

III Health Effect Information

Eye Contact	Irritation or burning may be caused by contact with eyes.
Skin Contact	Unknown
Inhalation	Overexposure to mist or fumes may cause aspiration pneumonia.
Ingestion	Unknown
Health Data	Mineral oil mists have an inhalation Time Weighted Average (TWA) Threshold Limit Value (TLV) not to exceed 5 mg/M ³ in any 8-hour work shift of a 40-hour work week.
Systemic Effects	

See Disclaimer of Warranty on Page 4.

(Approved by U.S. Department of Labor, "Essentially similar to Form OSHA 20, Material Safety Data Sheet")

IV Emergency & First Aid Procedures

Eye Contact	<p>Flush immediately with large amounts of water. If hot liquid is splashed in eyes, treat for burns.</p> <p>CALL A DOCTOR IMMEDIATELY.</p>
Skin Contact	<p>Wash exposed areas of the skin with soap and water. Hot liquid may cause severe burns. Chill affected area, treat victim for shock.</p> <p>REMOVE TO HOSPITAL OR SEND FOR DOCTOR.</p>
Inhalation	<p>If exposed to vapors or mist, remove to fresh air immediately. If breathing has stopped, apply artificial respiration and oxygen if necessary.</p> <p>CALL A DOCTOR IMMEDIATELY.</p>
Ingestion	<p>Unknown</p>

V Personal Health Protection Information

Eye Protection	<p>If handled as a liquid, splash-proof safety goggles or a face shield should be worn.</p>
Skin Protection	<p>Impervious synthetic rubber gloves.</p>
Respiratory Protection	<p>Low concentration mist: Use respirators with replaceable filters designed to protect against mists.</p> <p>High concentration mist: Use supplied air respirators or positive pressure hoods. NOTE: 1). All respiratory protective equipment must be MESA/NIOSH approved. 2). Do NOT use compressed oxygen apparatus in hydrocarbon atmosphere.</p>
Ventilation	<p>Ventilation in accordance with good engineering practice must be provided to maintain vapor or mist concentration below the TLV. Explosion proof electrical equipment must be used in hydrocarbon vapor atmospheres.</p>
Other	<p>Consumption of food and beverages should be avoided in areas where hydrocarbons are present.</p> <p>Always wash hands and face thoroughly with soap and water before eating or smoking.</p>

VI Fire Protection Information

Flash Point (Test Method)	Approx. 500°F, C.O.C.		Autoignition Temperature (°F)	Unknown
Flammable Limits In Air % By Vol.	Lower	Unknown	Upper	Unknown
Extinguishing Media				
Special Fire Fighting Procedures	Do not use streams of water as this will scatter the liquid and spread the fire. A water spray may be used to keep fire exposed containers and surroundings cool.			
Unusual Fire and Explosive Conditions	May create dense smoke during combustion. Could create a moderate fire hazard if heated above its flash point.			
Hazardous Combustion Products	Carbon monoxide and dense smoke could be formed due to incomplete combustion.			

VII Reactivity Data

Stability (thermal, light, etc.)	Stable	X	Con- ditions to Avoid	Not applicable
	Unstable			
Incompatibility (materials to avoid)	Should not be stored next to or contacted with oxidizing agents.			
Hazardous Decomposition Products	Not applicable			
Hazardous Polymerization	Stable	X	Con- ditions to Avoid	Not applicable
	Unstable			

VIII Environmental Precautions

Steps To Be Taken if Material is Released or Spilled	Small spills may be absorbed on sand or an appropriate absorbing material. Eliminate sources of ignition and provide adequate ventilation at spill site. Complete the clean-up by using a petroleum safety solvent.
Waste Disposal Method	Disposal Methods must conform to local, state and federal regulation May be disposed of in an approved landfill. Large quantities may be incinerated in a suitable combustion chamber.

IX Special Precautions

Handling and Storage Requirements	For storage and handling requirements refer to: 29 CFR 1910.106 Flammable and Combustible Liquids, and NFPA No. 30-Flammable and Combustible Liquids Code. Store in a cool, well ventilated area in sealed containers. All ignition sources in the area should be controlled. Metal containers should be electrically grounded prior to pumping or transferring liquid. Fire extinguishers must be kept readily available and all personnel trained in how to use them.
Precautionary Statements	Do not transfer to unmarked containers.

X Physical Properties

Boiling Point (°F)	Unknown	Melting Point (°F)		Solubility Negligible
Vapor Pressure (mm Hg & temp)	<1mm Hg @ 70°F	Specific Gravity (H ₂ O = 1)	Approx.0.898	Appearance, Color, Odor, etc. Dark green liquid-petroleum odor.
Molecular Weight	Varies	Percent Volatile by Volume (%)	Nil	Other
Vapor Density (air = 1)		Evaporation Rate (EE = 1)	<1	

Approved By: George E. Brothers, Mgr. of Tech. Services

Date May 8, 1978

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